

Potentiometer Providing a High Resolution

Abstract

A high resolution potentiometer implemented using at least two digital potentiometers connected in parallel. Each digital potentiometer is controlled to provide a corresponding resistance value, and a desired resistance value is attained by such control. The resolution is high in some range of desired resistance values and low in other ranges. A high resolution in a desired range can be attained by connecting another resistor in series with the digital potentiometers connected in parallel.